Amendments to the Claims

Please amend claims 1, 3, 5, 17 and 19 as shown in the following list of claims. This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) An optical-signal receiver, comprising:

an optical imaging array sensor operable to receive an optical signal from an optical-signal emitter communicatively coupled to an electronic system; and

a processor operable to implement a performance characteristic value specified by the optical signal.

2. (original) The receiver of claim 1, further comprising a transmitter operable to communicate a state signal identifying a state of the receiver to the electronic system.

3. (currently amended) A system, comprising:

an optical-signal generator;

an optical-signal emitter coupled to the generator; and

an optical-signal receiver having a performance characteristic set to a first value, the receiver including an optical imaging array sensor to receive ~~receiving~~ from the emitter an optical signal operable to set the performance characteristic to a second value.

4. (original) The system of claim 3, wherein the generator comprises a computer system.

5. (currently amended) The system of claim 3, wherein the emitter comprises a video-display monitor configured to display said optical signal.

6. (original) The system of claim 3 wherein the receiver is operable to generate a state signal identifying a state of the receiver.

7. (original) The system of claim 6 wherein the receiver is further operable to communicate the state signal to the generator.

8. (original) The system of claim 6, wherein the emitter comprises a state-signal receiver operable to receive the state signal from the optical-signal receiver and provide the state signal to the generator.

9. (original) The system of claim 3, wherein the receiver comprises a wireless optical mouse.

10. (original) The system of claim 3, wherein a performance associated with the characteristic is displayable by the generator.

11. (original) The system of claim 3, wherein the performance characteristic comprises a frame rate.

12. (original) The system of claim 3, wherein the performance characteristic comprises an inactivity-period threshold.

13. (original) The system of claim 6, wherein the state comprises velocity relative to a surface.

14. (original) The system of claim 6, wherein:

the state signal comprises a characteristic having first and second values; and

the first and second state-signal characteristic values respectively correspond to the first and second performance-characteristic values.

15. (original) The system of claim 3, wherein the optical signal specifies the second value.

16. (original) The system of claim 6, wherein the state signal specifies the second value.

17. (currently amended) A system, comprising:

an optical-signal emitter operable to be coupled to an electronic system; and

an optical-signal receiver having a performance characteristic set to a first value, the receiver <u>including an optical imaging array sensor to receive</u> ~~receiving~~ from the emitter an optical signal operable to set the performance characteristic to a second value.

18. (original) A method of programming an optical-signal receiver, comprising:

generating an optical signal to be received by the optical-signal receiver from an optical-signal emitter, the receiver having a performance characteristic set to a first value, the optical signal operable to set the performance characteristic to a second value; and

displaying the optical signal.

19. (currently amended) A method implemented by a receiver having a performance characteristic set to a first value, comprising:

communicating a state signal identifying a state of the receiver to an electronic system; <u>and</u>

receiving an optical signal from an emitter communicatively coupled to the electronic system <u>at an optical imaging array sensor of the receiver</u>, the optical signal operable to set the performance characteristic to a second value.